
**CONSTRUCTION MANAGER'S
WEEKLY STATUS REPORT
FOR THE WEEK
10/16/08 – 10/22/08**

**RECONSTRUCTION OF BENNING ROAD, NE
FROM 14TH AND H STREET TO OKLAHOMA AVENUE
CONTRACT NO. POKA 2005 - C - 0031 – CB**



Installation and compaction of the graded aggregate base on the median of Benning Road.



Benning Rd Reconstruction
Project Field Office
1322A H Street NE
Washington, DC 20002
(o) 202.388.3081 (f) 202.388.3083

EXECUTIVE SUMMARY

Project Description

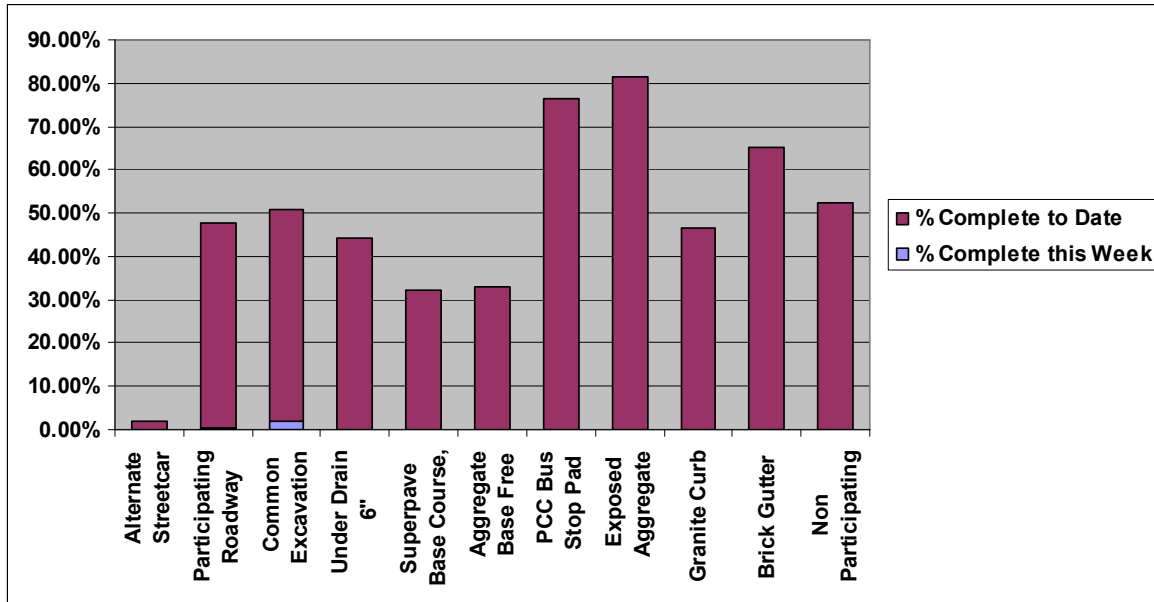
The project involves the phased reconstruction of the eastbound and westbound Benning Road, NE from 14th and H Street to Oklahoma Ave. The project also includes portions of Maryland Avenue and Bladensburg Road. Work on the project includes the following:

- Pavement Restoration with the placement of brick gutter and granite curbs adjacent to asphalt over aggregate sub base.
- Sidewalk restoration featuring exposed aggregate sidewalks surface treatment
- Safety Improvements—crosswalks, wheel chair ramps, and driveway entrances
- Streetlight and Traffic Signal Upgrades—Pedestrian level lighting, improved streetlights, upgraded traffic signal and timing
- Drainage Upgrades—New inlet basins, sewer line upgrades
- DCWASA-upgrades to water main lines
- Landscaping upgrades featuring the construction of the Starburst Plaza which will include a historical mural and multiple outdoor attractions for the neighborhood.
- Streetcar tracks: DDOT plans to install tracks from the intersection of Oklahoma Avenue and Benning Road to 3rd Street along H Street. Tracks will be installed on the eastbound and westbound lanes.
- Coordination with multiple utility companies performing construction activities within the project limits.

The total value of the contract at award to Capitol Paving of DC, Inc. is \$35,448,123.90. The notice to proceed date was December 12, 2007 with project duration of 730 calendar days for scheduled completion date of December 11, 2009.

Progress

Percent complete for Alternate Streetcar Work, Participating Roadway and WASA work are shown in the graph below. Participating Roadway is further broken down in the following key activities: Common Excavation, Under Drain 6", 19 mm Asphalt Placement, 25 mm Free Drain Placement. Bus Stop Pads, Exposed Aggregate Sidewalk, Granite Curb and Gutter.



WORK PERFORMED

For the week ending October 15, 2008, the following specific construction progress has been made in the areas listed:

1. Thursday 10/16:

Benning Road:

Excavation of the center lane at Oklahoma Ave. Installation of the 18" PCC Pipe on the south side between 17th Street and 18th Street. Installation of the 12" ductile iron pipe and the installation of 1-12" valve on the south side at the intersection of 18th Street. Installation of the 8" ductile iron pipe and the installation of 1-8" valve on the south side at the intersection of 18th Street. Continuation of the grading and compaction work on the center lane from 21st Street to Oklahoma Ave. Trench Excavation for the traffic signal at Manhole #77 at 19th Street. Installation of the 18" PCC Pipe between 17th Street and 18th Street. Trench Excavation for the L#28 and the installation of 2" conduit and its encasement on the south side between 18th Street and 19th Street. Repair of the traffic signal Light at the south west corner of 16th Street. Installation of 2" electrical conduit for L#66 and its encasement between 25th Street and Oklahoma. Trench Excavation from 25th Street to Oklahoma Ave. Backfill of the 12" ductile iron pipe at 18th Street.

Bladensburg Rd/ Morse Street at Intersection:

Placement of the temporary Asphalt. Installation of the cast in place top wall of manhole #15 with commencement of backfill work and general cleanup. Work on the excavation of the trenching, hand digging around utilities and the installation of the shoring of the trench.

Morse Street:

Excavation for the 12" Ductile Iron Pipe installation. Backfill of the duct bank installation.

2. Friday 10/17:

Benning Road:

Excavation work of the roadway on the south side center lane from RFK to station 142+95. Undercut of 1' VLF of the excavation approved by DDOT QAQC. Excavation of the roadway on the south side center lane from Oklahoma Ave. to RFK with a 6" undercut. Installation of the 18" PCC Pipe between 17th Street and 18th Street. Installation of the 12" Ductile Iron pipe between 17th Street and 18th Street. Removal of formwork and the installation of the catch basin tops for catch basin's #11 and #14 between 18th Street and 19th Street. Placement of the geo-fabric from Oklahoma Ave. to 142+95. Continuation of the installation of the electrical duct bank from station 101+00 to 101+50. Installation of electrical manholes MH#71 and MH#72 at 18th Street. Installation of the 4" Electrical Conduit at the median at 25th Street. Installation of the 2" electrical conduit and its encasement for L#68 and L#69 at 24th Street.



Benning Rd Reconstruction
Project Field Office
1322A H Street NE
Washington, DC 20002
(o) 202.388.3081 (f) 202.388.3083

H St:

Backfill, compaction and Tie-in work of the installation of Watermain "A".

3. Saturday 10/18:

Benning Road:

Painting of the PCC Barriers at the center of the roadway from 24th Street to 26th Street. Contractor performed general cleanup and work on the maintenance of traffic elements.

4. Sunday 10/19:

No work completed.

5. Monday 10/20:

Benning Road:

Excavation and formwork for the installation of the cast in place catch basin #9 on the south side at the 18th Street intersection. Installation of the 15" connect basin pipe between catch basin #4 and man hole #9 on the south side at the intersection of 18th Street. Installation of the 12" ductile Iron Pipe with the continuation of the construction of man hole #9 between 17th Street and 18th Street. Grading work and compaction of the graded aggregate base at Oklahoma Ave. Removal of the street light foundation at the intersection of 18th Street. Installation of the electrical manhole #15 at 18th Street. Trench Excavation work from man hole #71 to #72 at 18th Street. Installation of the 4" electrical conduit on the median at 24th Street. Installation of the Attenuator at the 1500 Block.

Bladensburg Rd North Bound Lane:

Excavation and test pitting around the existing 30" Watermain "I" pipe.

Morse Street West Bound Lane:

Excavation work on the existing pipe in preparation for the shut down and tie in to watermain "D".

Maryland Ave North:

Work on the maintenance of traffic performed. Placement of the cold mix to maintain roadway.

PEPCO work:

Work on the excavation of the trenching, hand digging around utilities and the installation of the shoring of the trench. Backfill work around Manhole #11. Shoring work at Manhole #15 with the encasement of the underground utilities.



Benning Rd Reconstruction
Project Field Office
1322A H Street NE
Washington, DC 20002
(o) 202.388.3081 (f) 202.388.3083

Washington Gas:

Continuation of the excavation work for the installation of the gas line. Installation of service connection lines to residents #1715 and #1713.

6. Tuesday 10/21:

Benning Road:

Excavation, formwork and placement of concrete for the installation of the cast in place catch basin #7 on the south side between 17th Street and 18th Street. Installation of the 15" connect basin pipe between catch basin #7 and man hole #8 on the south side at the intersection of 18th Street. Installation of the 12" ductile Iron Pipe between 17th Street and 18th Street. Placement of the Graded Aggregate Base with grading work and compaction at the center lane at 24th Street. Excavation of the roadway at the intersection on the south side at 25th Street. Removal and replacement of the fire hydrant on the south side between 17th Street and 18th Street. Installation of 6" ductile Iron Pipe between the new fire hydrants. Installation of the 2" electrical conduit and its encasement for L#91, L#93, L#95, L#97 and L#99 at Oklahoma Ave. Installation of the 4" Electrical Conduit from manhole #72 and L#27.

Bladensburg Rd/ Morse Street @ Intersection:

Painted the Stop Bar.

Bladensburg Rd North Bound Lane:

Excavation and test pitting around the existing 30" Watermain "I" pipe.

Morse Street West Bound Lane:

Excavation work on the watermain "D".

Washington Gas:

Continuation of the excavation work for the installation of the gas line.

PEPCO work:

Installation of additional 130' of 10 way 5" Fiberglass ductbank for the PEPCO Feederline. Excavation of the trench line for the installation of the feederline. Work also completed on the encasement of the installed ductbank. Shoring work at Manhole #15. Continuation of the excavation of the trenching and the shoring of the trench.



Benning Rd Reconstruction
Project Field Office
1322A H Street NE
Washington, DC 20002
(o) 202.388.3081 (f) 202.388.3083

7. Wednesday 10/22:

Benning Road:

Installation of the 18" PCCP on the southside between 17th Street and 18th Street. Excavation, installation of formwork and reinforcement and placement of concrete for the single basin installation of Catch Basin 11 between 18th Street and 19th Street. Installation of the PCCP on the south side from catch basin #11 to manhole #14. Installation of the 12" ductile iron pipe on the south side at 17th Street. Continued the brickwork for the construction of manhole #8 on the south side between 17th Street and 18th Street. Installation of the Graded Aggregate Base at the center lanes from 21st Street to 25th street and from 26th Street to Oklahoma Ave.

Bladensburg Rd North Bound Lane:

Excavation work around the existing 30" Watermain "I" pipe.

Morse Street West Bound Lane:

Excavation work on the watermain "D".

PEPCO work:

Installation of additional 50' of 10 way 5" Fiberglass ductbank for the PEPCO Feederline. Excavation of the trench line for the installation of the feederline. Work also completed on the encasement of the installed ductbank. Continuation of the excavation of the trenching and the shoring of the trench. Continuation of work on Manhole #11.

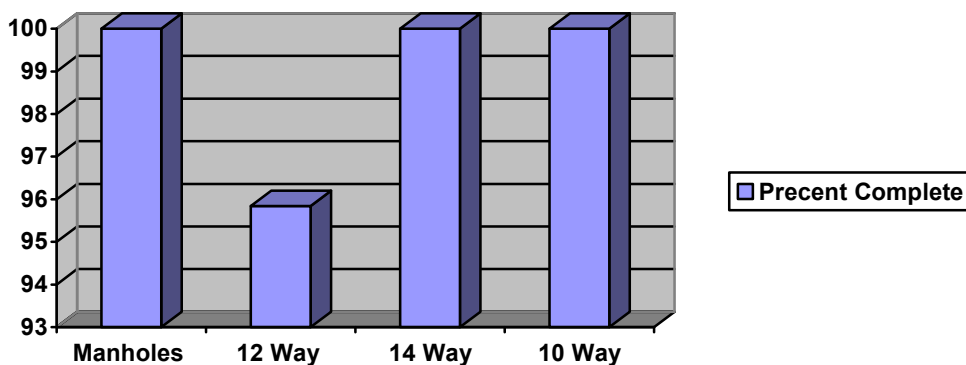
Utilities Reconstruction Update 10-22-08

PEPCO:

Distribution Line Duct Bank Construction:

Manholes Completed:	20	Total Manholes: 20	%Complete: 100%
12 Way Length Complete:	7441'	Total Length: 7764'	%Complete: 95.84%
14 Way Length Complete:	1619'	Total Length: 1619'	%Complete: 100%
10 Way Length Complete:	34'	Total Length: 34'	%Complete: 100%

- 240 feet additional 12 Way has been reported to be complete this week.



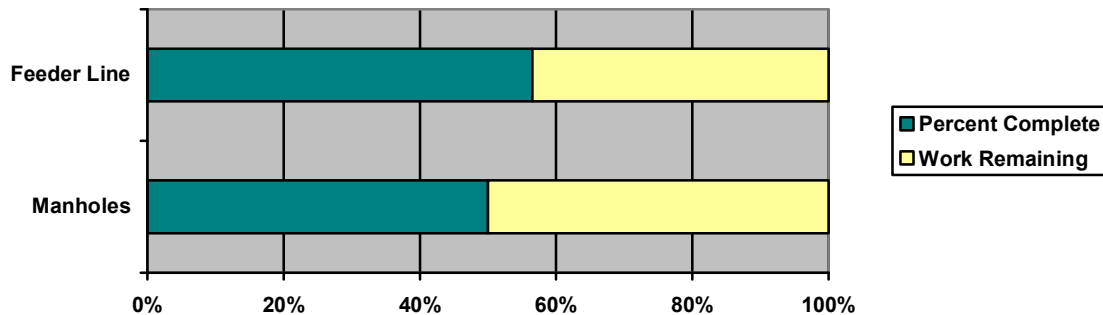
Issues and Resolutions:

Work on the Starburst Area distribution line construction, between 14th Street and 16th Street, has yet to be started. Percent complete for this work is 0%. Production from Capital Paving has been reduced by 66% on a weekly basis. The original project duration was from February 2009 to November 2009. The project timeline has been condensed due to that the delayed start of work will continue to impact the production of the Capitol Paving work for the project. The new project duration is proposed to be from mid November 2008 to May 2009.

PEPCO Feeder Line Replacement:

4000' total feeder	2260 feet complete	56.5% complete
6 Manholes total	3 completed	50.0% complete

Work has started on 9/11/08. Initial saw cutting of the roadway was completed on 9/10/08. Expected duration is 180 days.



- 300 feet of feeder line was installed within this weekly report period

The delay in the start of this work has impacted the production of Capitol Paving work. Production from Capital Paving has been reduced by 66% on a weekly basis.

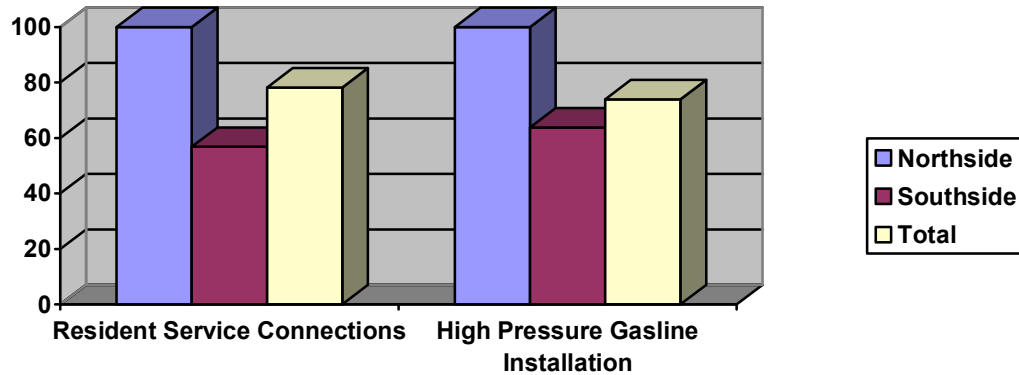
Washington Gas:

Washington Gas continued the work on the south side gas main installation and connections on 10-14-09. The schedule for the Resident Service Connections and High Pressure gas line installation is on track.

Project progress for the report period:

- Installation of 2 service connections were made on the south side
- Installation of approximately 250' of gas main was installed

Washington Gas: Percent of Work Completed



Northside:

Completed Connections:	43	Total Connections	43	%Complete:	100%
Gas Main install complete:	1290'	Total Length	1290'	%Complete:	100%

Southside:

Completed Connections:	25	Total Connections	44	%Complete:	56.8%
Gas Main install complete:	1870'	Total Length	3325'	%Complete:	63.8%

Project Totals:

Completed Connections:	68	Total Connections	87	%Complete:	78.2%
Gas Main install complete:	3410'	Total Length	4615'	%Complete:	73.9%

Clear Channel:

Four bus stops requiring electrical connections have been completed.

An additional bus stop shelter was installed at 19th Street. Electrical connections for this shelter are pending. Bus stop pavement for the bus stop at the north east corner of 26th Street is pending repair due a difference in elevation between the bus stop and the newly installed exposed aggregate sidewalk.



Benning Rd Reconstruction
Project Field Office
1322A H Street NE
Washington, DC 20002
(o) 202.388.3081 (f) 202.388.3083

Attachment A:

**RECONSTRUCTION OF BENNING ROAD N.E.
TWO WEEK LOOK AHEAD SCHEDULE
STARTING 10-20-08 TO 11-03-08**

Bladensburg Rd. & Morse St

- **10-20-08 Continue Watermain D & I (10 days)**

16th St & 1500 Benning S/S

- **10-20-08 Continue with Watermain A (10 days)**

Benning Rd. S/S (17th St to 15th St)

- **10-25-08 Phase 1A MOT**

1700 & 1800 Blocks Benning Rd. S/S

- **10-20-08 Continue with Watermain A (10 days)**
- **10-21-08 CB 7 to MH 8**
- **10-20-08 CB 9 to MH 9**
- **10-22-08 CB 5 to MH 7**
- **10-20-08 MH 7 (2 days)**

21st St to Project Limit (Metro overpass) S/S

- **10-20-08 Continue roadway excavation & finish grade (10 days)**

Nationwide Electrical Work

- **10-20-08 Continue electrical work between 21st St and Metro overpass**
- **10-20-08 Continue electrical work at 18th St & Benning S/S**
- **Set streetlight pole between 16th & 18th St. N/S**

Attachment B: Progress Photos of Work Performed this Week



Removal and replacement of the fire hydrant on the south side between 17th Street and 18th Street. .



Excavation and test pitting around the existing 30" Watermain "I" pipe.



Looking South on Bladensburg toward Benning; Steel Plates in roadway and maintenance of traffic elements.



Formwork for the installation of the cast in place catch basin #7.



Installed cast in place walls for the construction of catch basin #11 at 19th Street.



Placement of the graded aggregate base in the median of Benning Road west of Oklahoma Ave.